Illinois' Health Information Exchange
Better Care Through Technology

The basics of

Health Information Technology

2012

Health IT

Electronic health or e-health/health IT is increasingly viewed as the most promising tool for improving the overall quality, safety and efficiency of the health delivery system

What is Health IT?

- Certified electronic health information technologies using computers and the Internet
- Inaccessible patient paper charts being converted to electronic patient health records
- Exchanged through a secure network following strict HIPAA privacy guidelines
- Organized around patient care at the point of care.

Benefits of Health IT Electronic vs. Paper

- Better treatment outcomes
- Fewer medication errors
- Fewer duplicate tests
- Increased safety and security
- Better emergency care
- Patient empowerment
- Patient convenience and savings

Illinois Office of Health Information Technology (OHIT)

- Created by Executive Order to direct and coordinate State Health IT and HIE initiatives

- Administers Illinois' HIE Cooperative Agreement Program, coordinates with other HITECH programs, other federal grant programs

- Supports and coordinates with other State efforts to transform and improve health care to maximize impact and efficiency

Illinois Health Information Exchange Goals

- Improve the health of the people of Illinois

- Provide a framework for secure exchange of clinical data among providers nationwide

- Promote the widespread adoption and Meaningful Use of electronic health records

Health Information Exchange

The term "health information exchange" (HIE) actually encompasses two related concepts:

- *Verb:* The electronic sharing of health-related information among organizations
- *Noun:* An organization that provides services to enable the electronic sharing of health-related information

Benefits of the Illinois Health Information Exchange

When fully functional and exchangeable, e-health records can deliver more than paper records, including:

- Increased safety of patient care

- Improved care coordination and outcomes

- Improved administrative efficiency lowering the delivery costs of healthcare

- Reduce health disparities

Electronic Health Records

An Electronic Health Record (EHR) is built to share information with other health care providers. They contain information from all the clinicians involved in the patient's care and authorized clinicians can access the information they need, to provide care to that patient.

E-Prescribing

Recognized as solution to improved patient safety and reducing medication costs

- Electronic prescribing, or e-prescribing is when a provider sends a prescription electronically directly to a pharmacy in a secure way
- A clearly typed, easily read prescription a pharmacy can fill right away

Consumer/Patient Centered Care

- Gives patients the tools to be a more active participant in their own healthcare

- Increases safe and secure, 2-way communication between patients and providers

- Patient controls access to their information

- Reduces paperwork every time patient visits a new provider

Privacy and Security

Top priority whether stored on paper or electronically

- Electronic Health Records are protected with passwords, encryption, and other technical safeguards to make sure that only the right people have access to information.
- In accordance with the Health Insurance Portability and Accountability Act of 1996 (HIPAA)
- U.S. Department of Health and Human Services (HHS) has set forth standards for protecting the privacy and security of certain health information

Medicare and Medicaid Incentive Programs

- Payments to providers who demonstrate Meaningful Use of electronic health records

- Both programs began in 2011, Medicare ends 2016, Medicaid ends 2021

- To learn more about the Electronic Health Records Incentive Programs visit:

- Medicare: http://www.cms.gov

- Medicaid: http://www.hfs.illinois.gov

Meaningful Use

Certified Electronic Health Records being used in a way to improve healthcare quality through a confidential and secure information exchange

To bring about healthcare that is:

- Patient-Centered
- Evidence based
- Prevention Oriented
- Efficient
- Equitable

ILHIE Direct Secure Messaging Solution

- Protects sensitive health data sent between providers in compliance with HIPAA

- Allows providers to quickly achieve clinical exchange for Stage 1 Meaningful Use

- Enables providers to send health information via the internet in a secure and encrypted format to recipients with an ILHIE Direct address

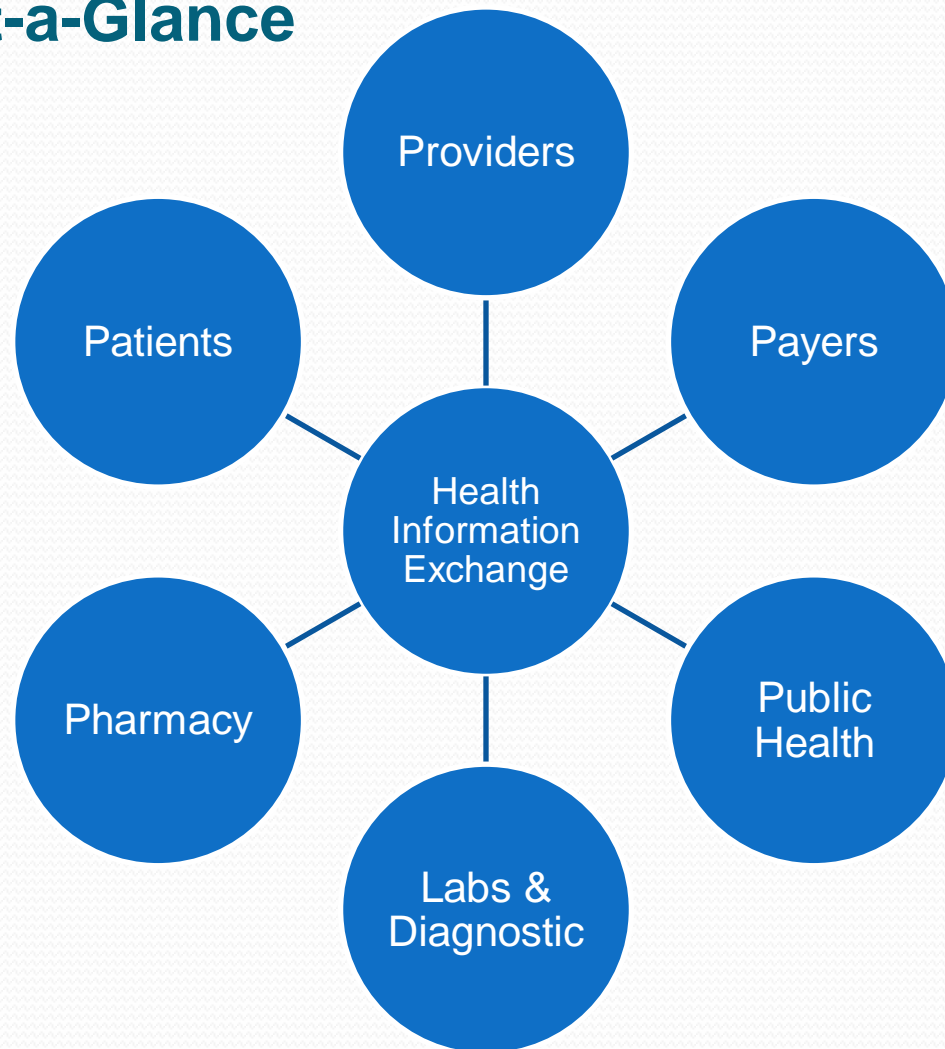- It's simple, fast and offered at no cost through December 2012.

www.ilhiedirect.net

Regional Extension Centers

Need Help?

The Regional Extension Centers assist and support Illinois providers in implementing and becoming "meaningful users" of electronic health records

- (For Providers Statewide) www.ilhitrec.org/ilhitrec/
- (For Providers in Chicago) www.chitrec.org/

Illinois Health Information Exchange At-a-Glance

For More Information

- Illinois Health Information Exchange Website

  - www.hie.illinois.gov

- US Health and Human Services Health Information Technology Website

  - www.healthit.hhs.gov